Data Processing Tools Installation

Septin Mulatsih Rezki
Hanif Arafah Mustofa
Kiki Nur Putra

Preparation

Database Management

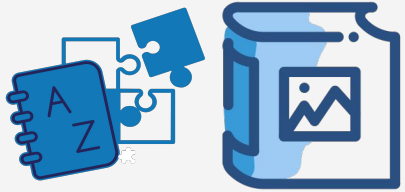
PostgreSQL

PostGIS

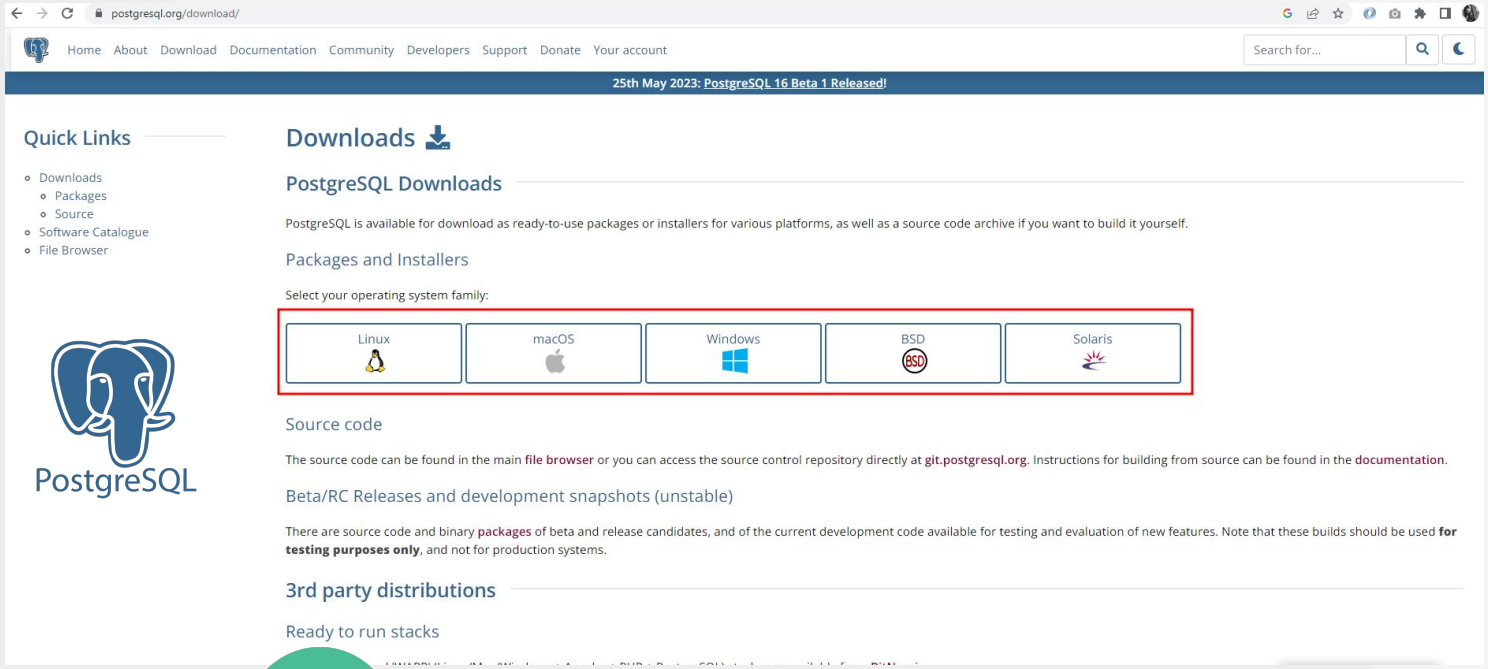
Data Processing

QGIS

Gazetteer Creation

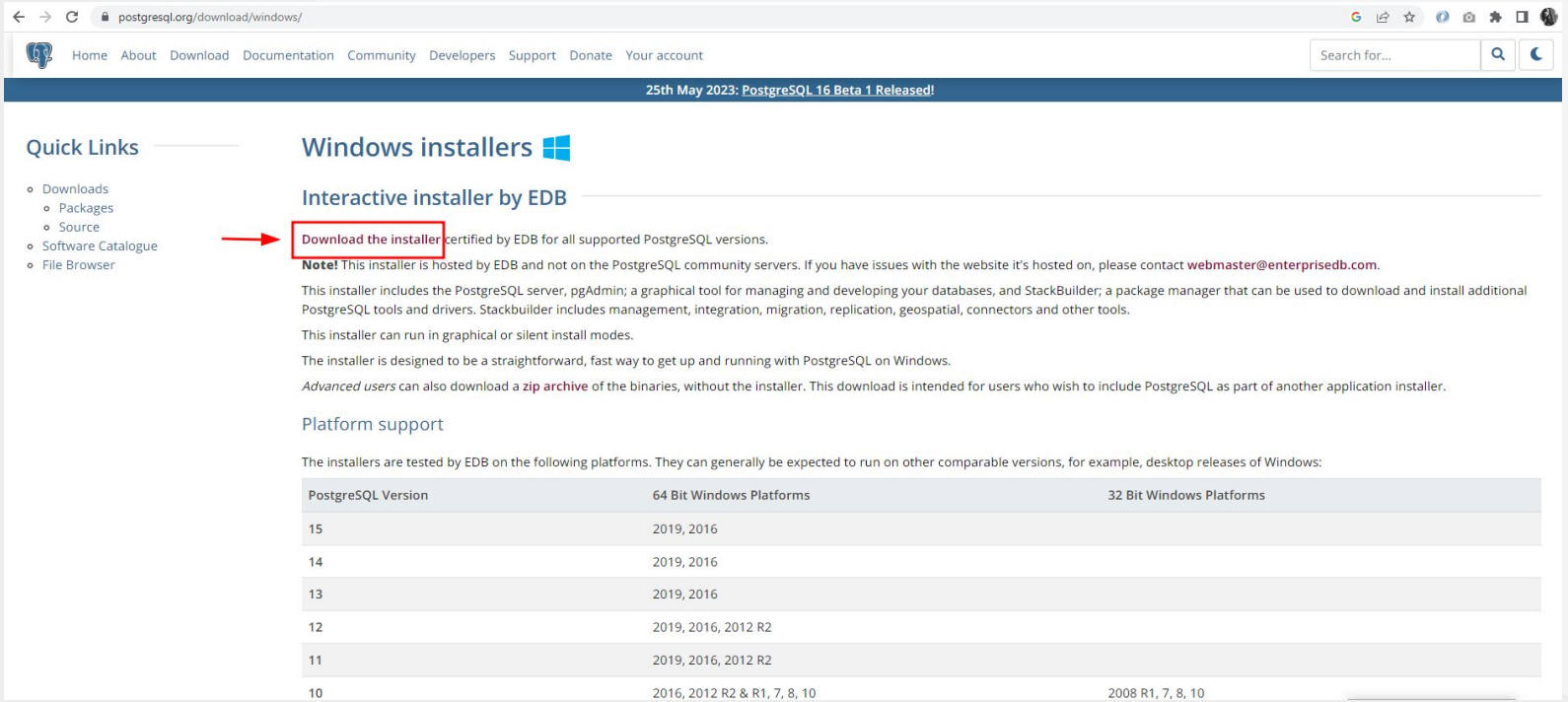


PostgreSQL Download

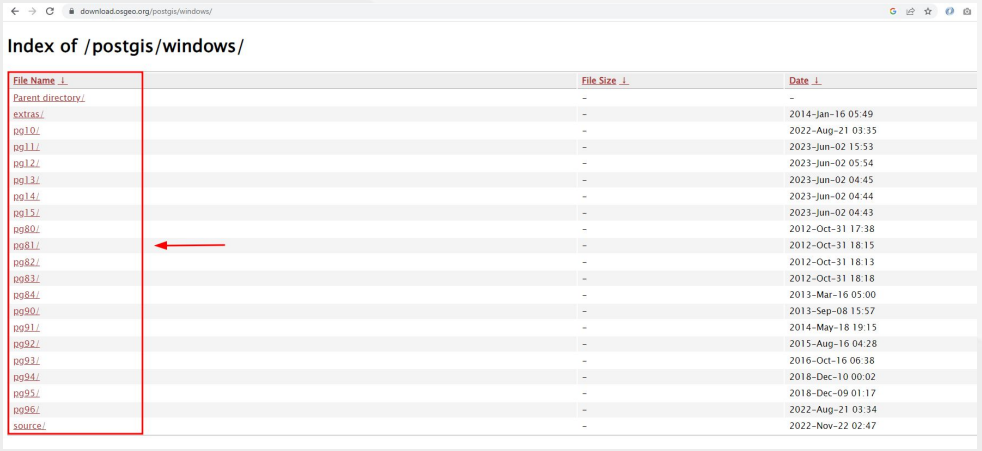


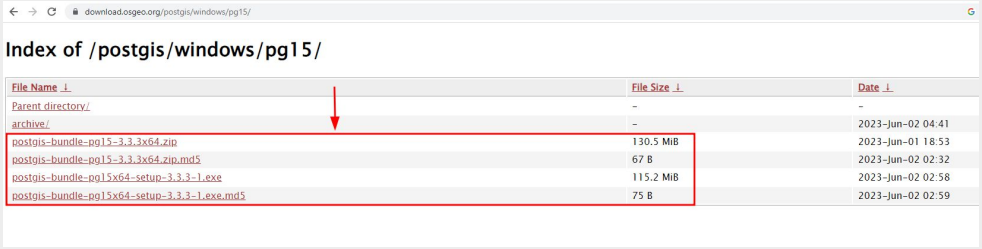
https://www.postgresql.org/download

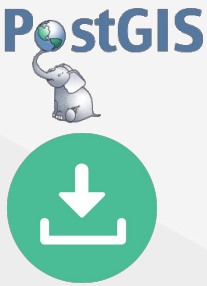
PostgreSQL Download

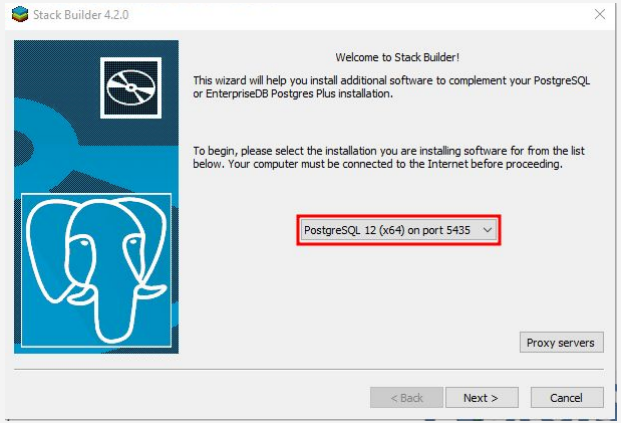


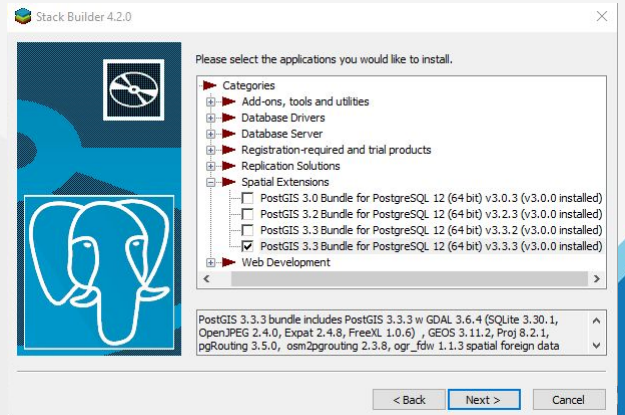
PostGIS Download





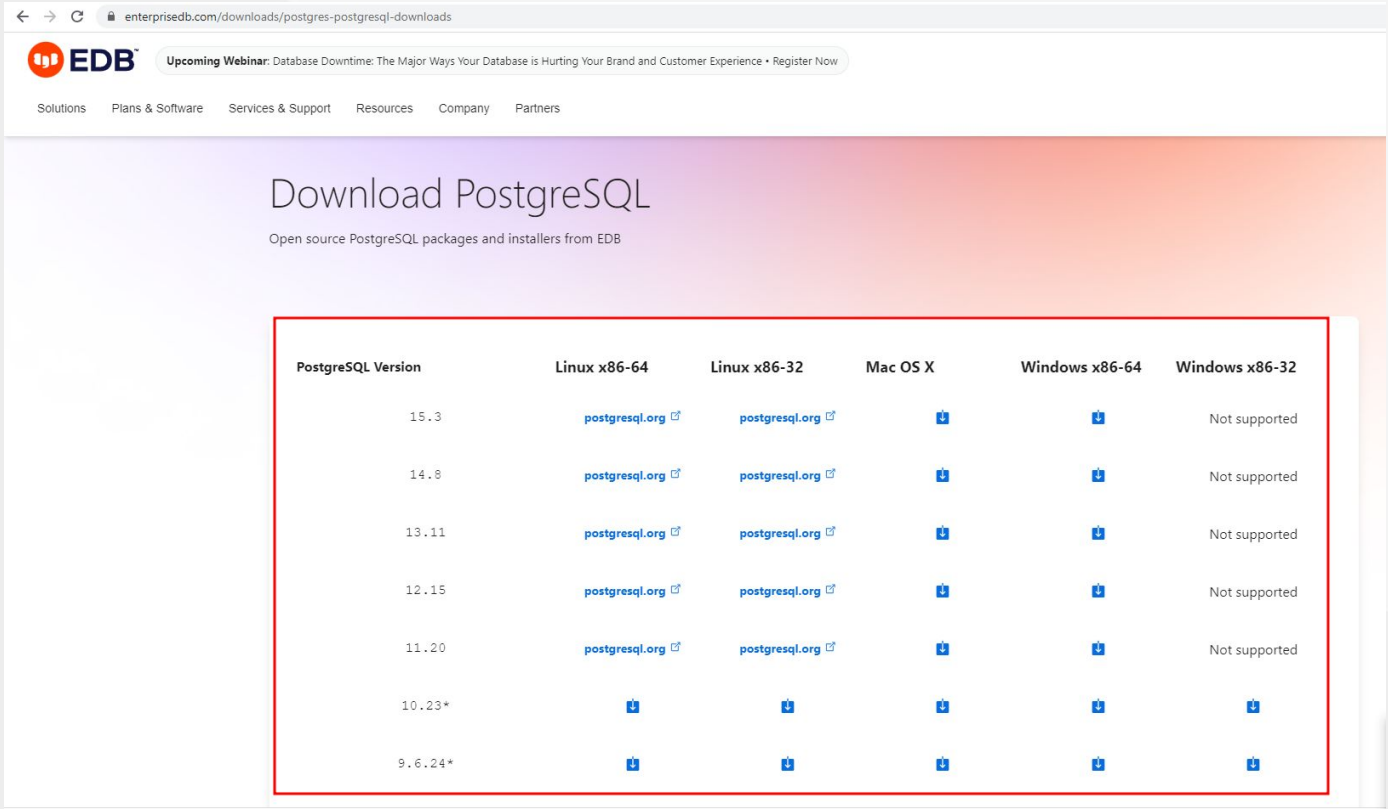






https://download.osgeo.org/postgis/windows/

PostgreSQL Installation



PostgreSQL Version	Linux x86-64	Linux x86-32	Mac OS X	Windows x86-64	Windows x86-32
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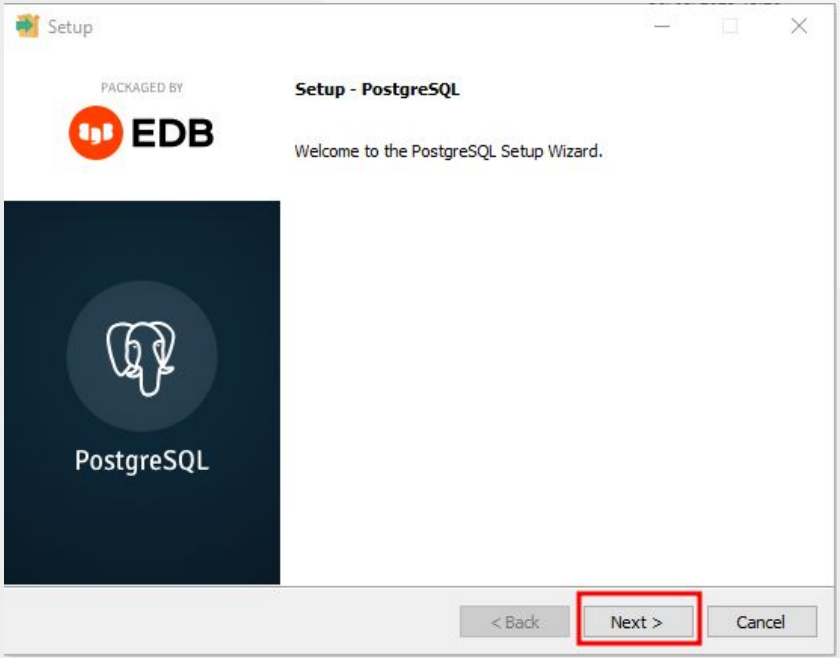
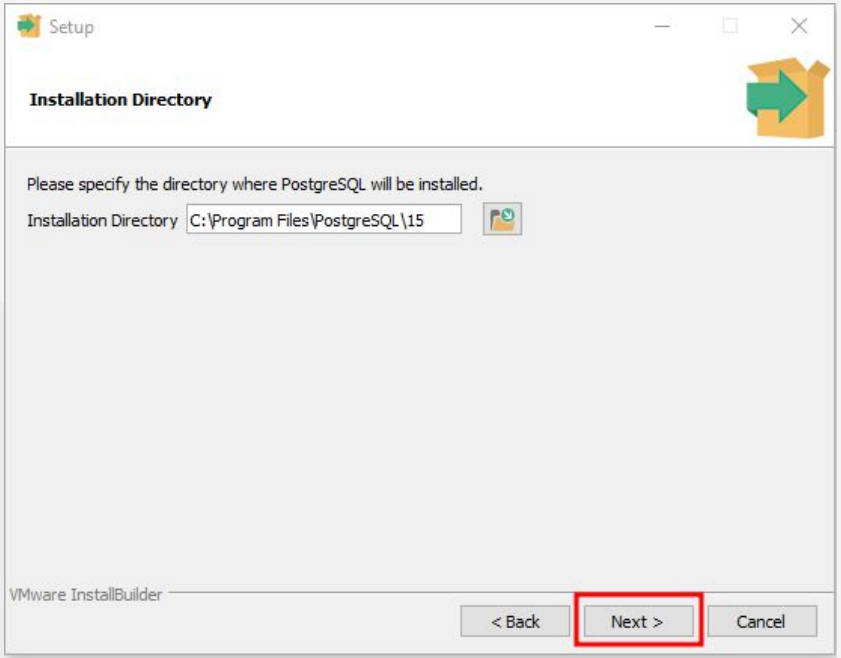
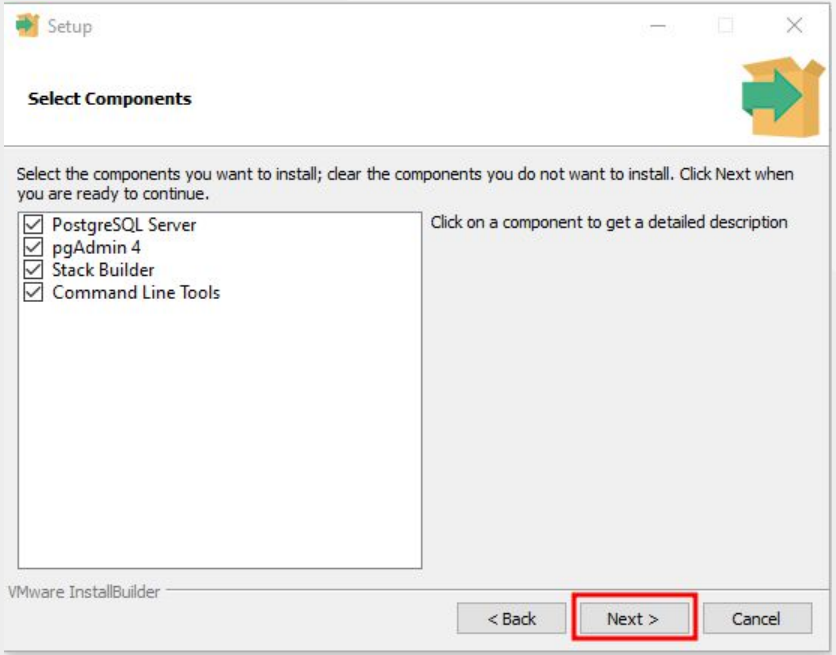
14.8	postgresql.org	postgresql.org			Not supported
13.11	postgresql.org	postgresql.org			Not supported
12.15	postgresql.org	postgresql.org			Not supported
11.20	postgresql.org	postgresql.org			Not supported
10.23*					
9.6.24*					

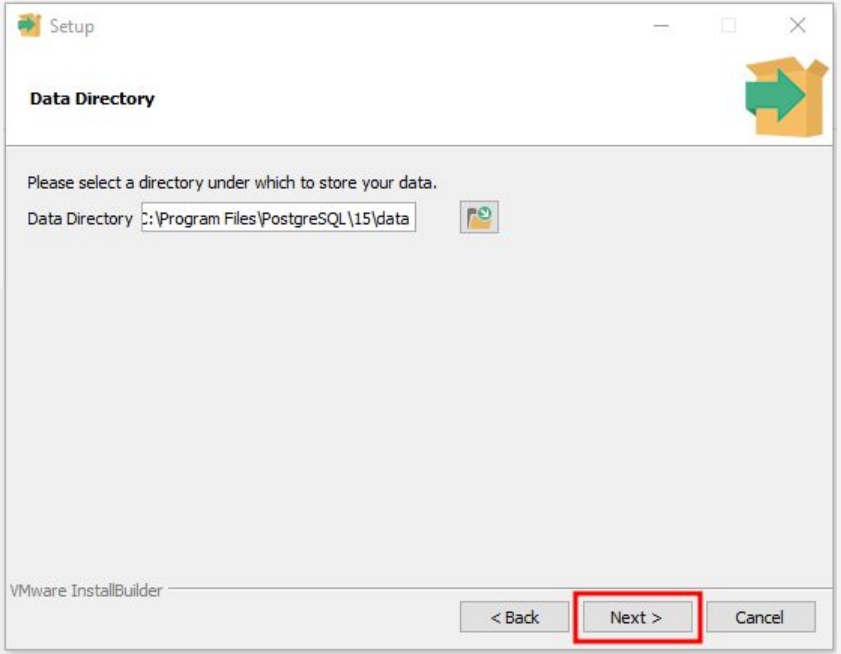
PostgreSQL Installation



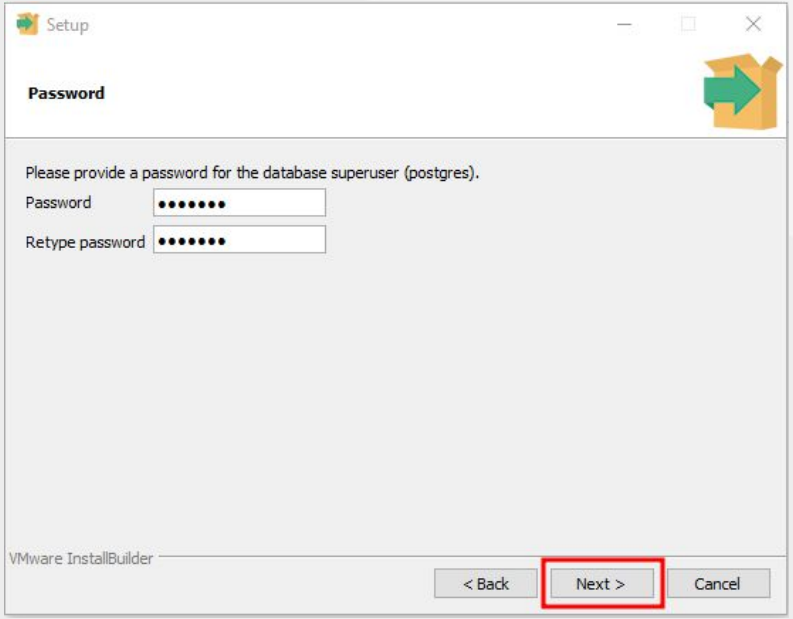


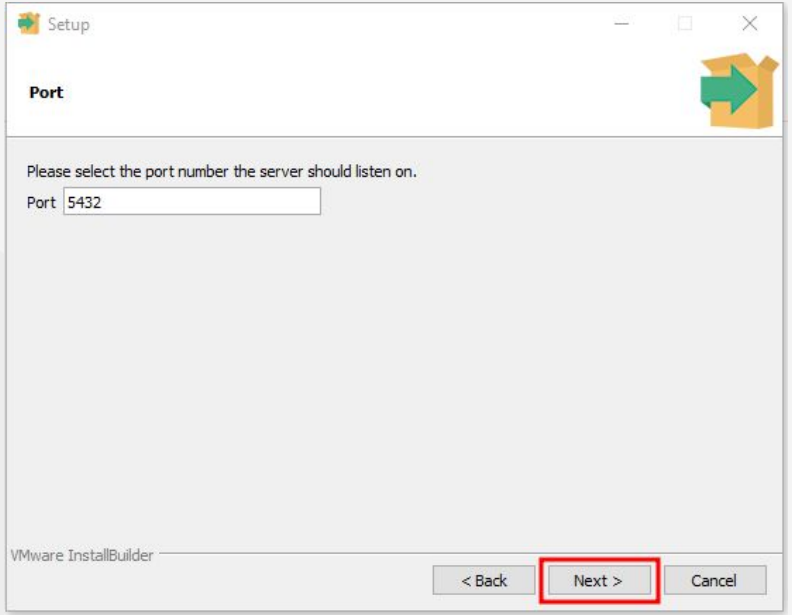
PostgreSQL Installation



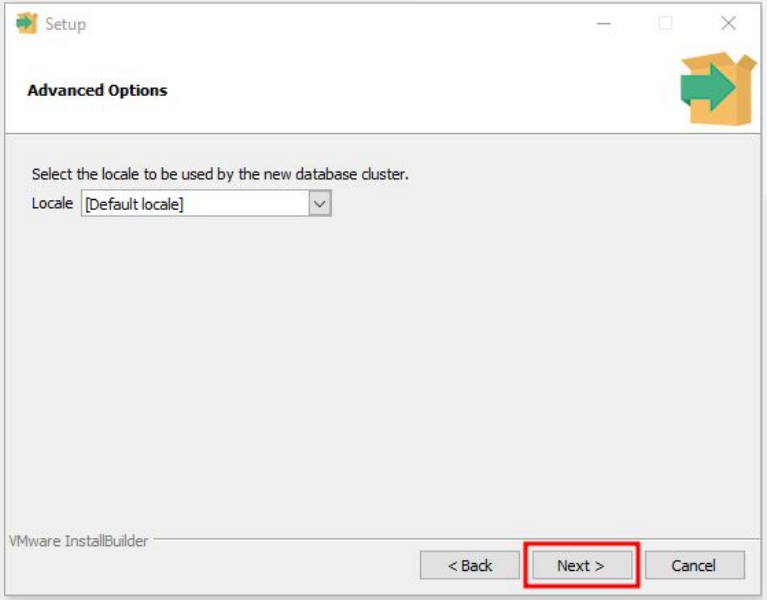


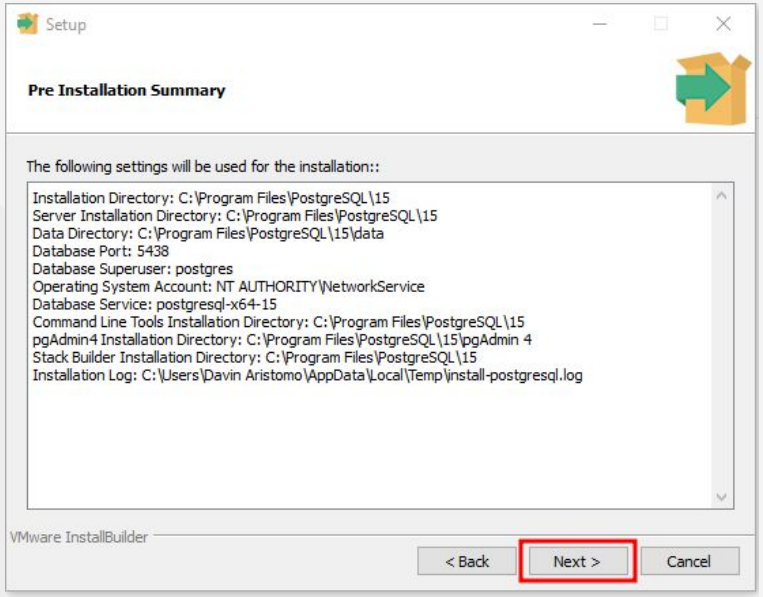
PostgreSQL Installation



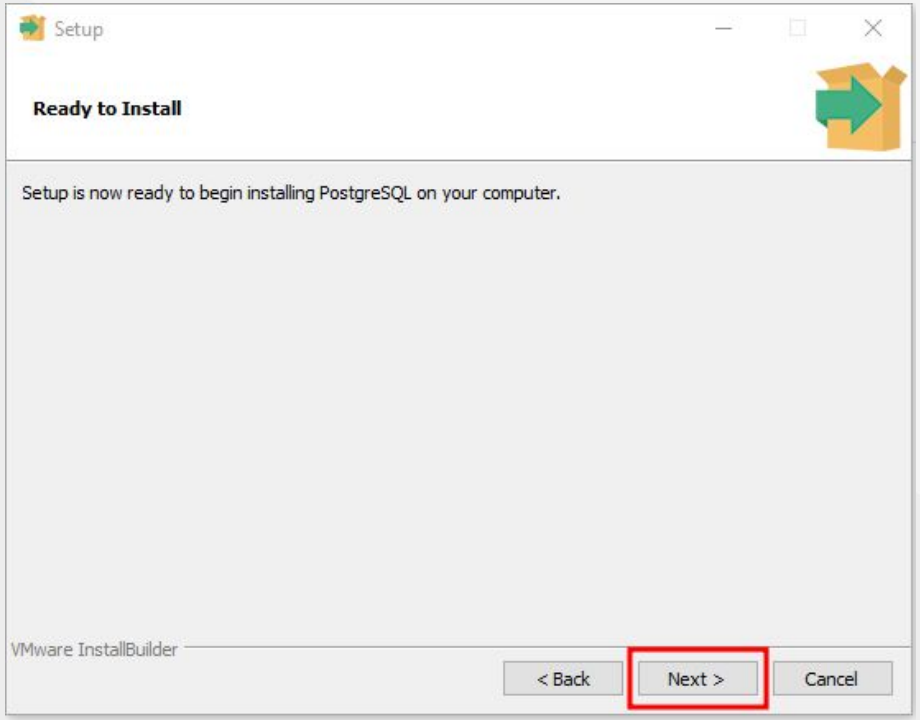


PostgreSQL Installation



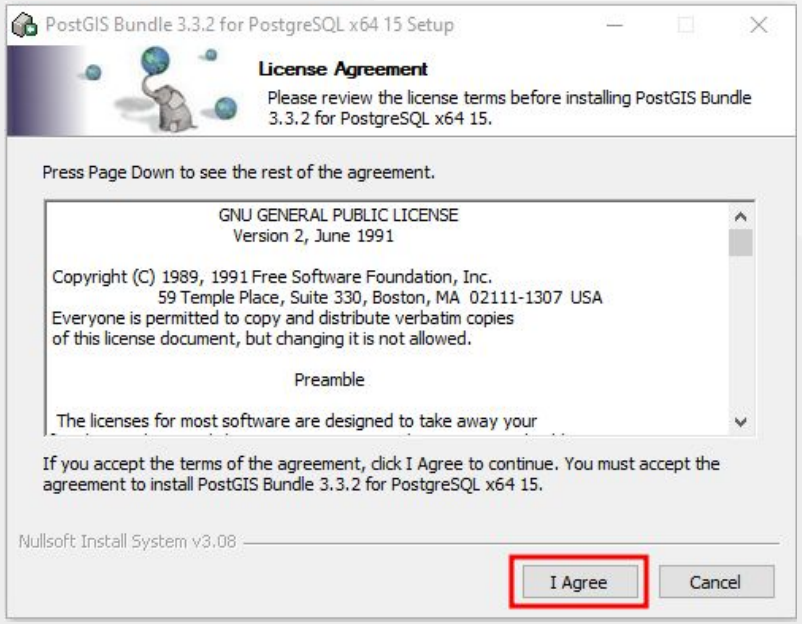


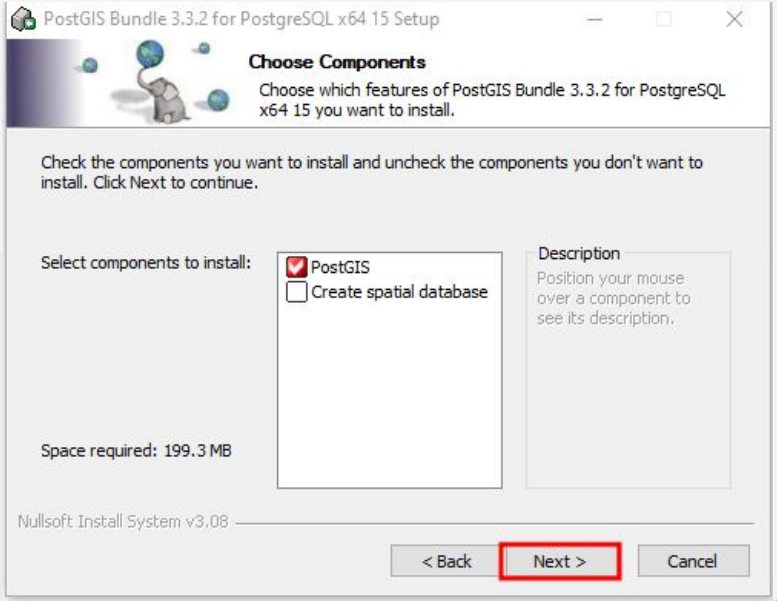
PostgreSQL Installation



PostGIS Installation

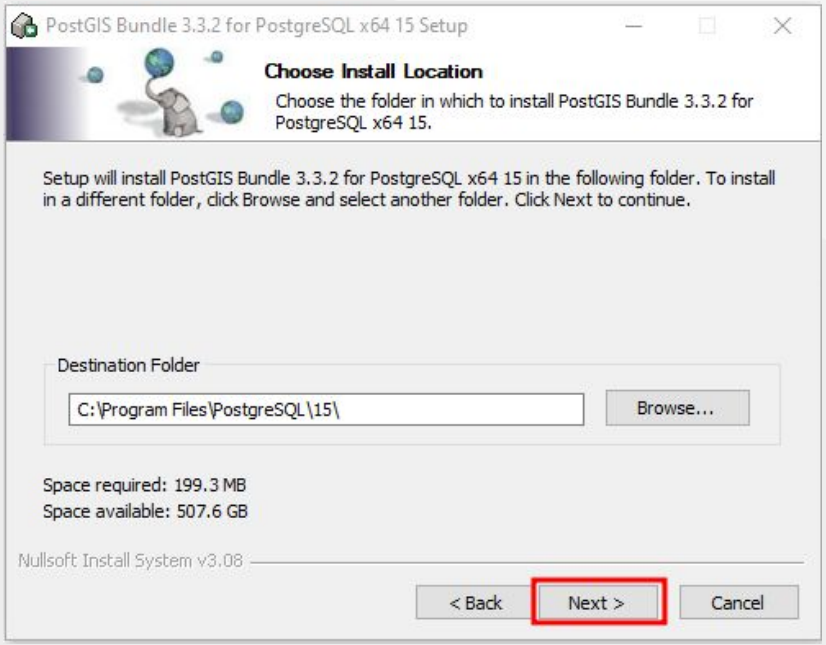
File installer

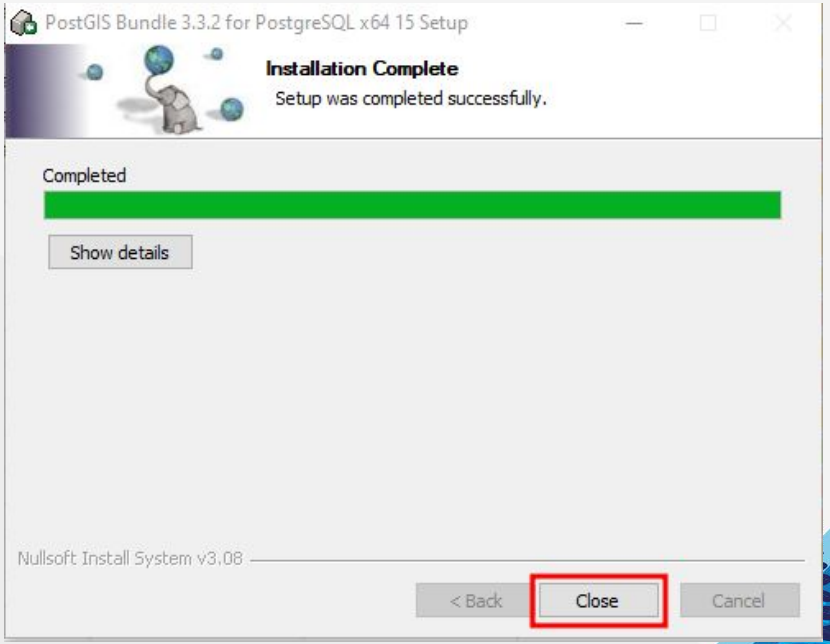




PostGIS Installation

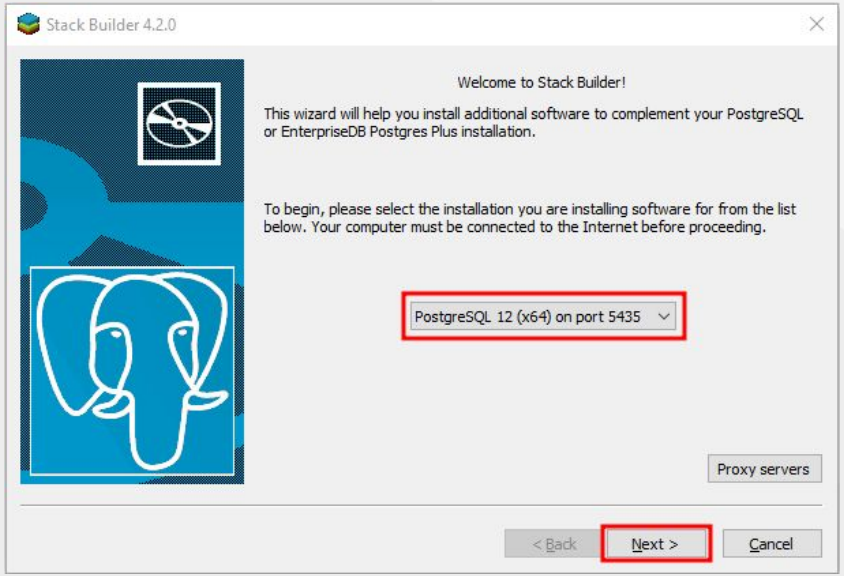
File installer

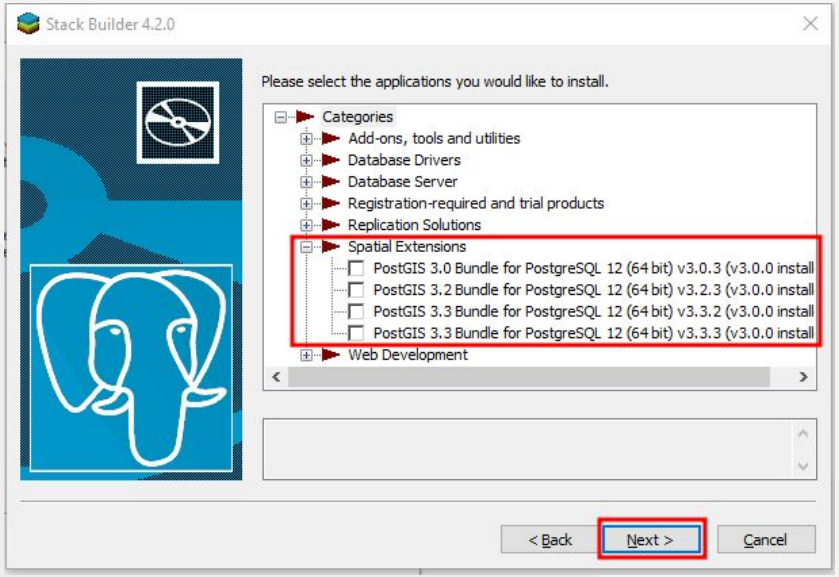




PostGIS Installation

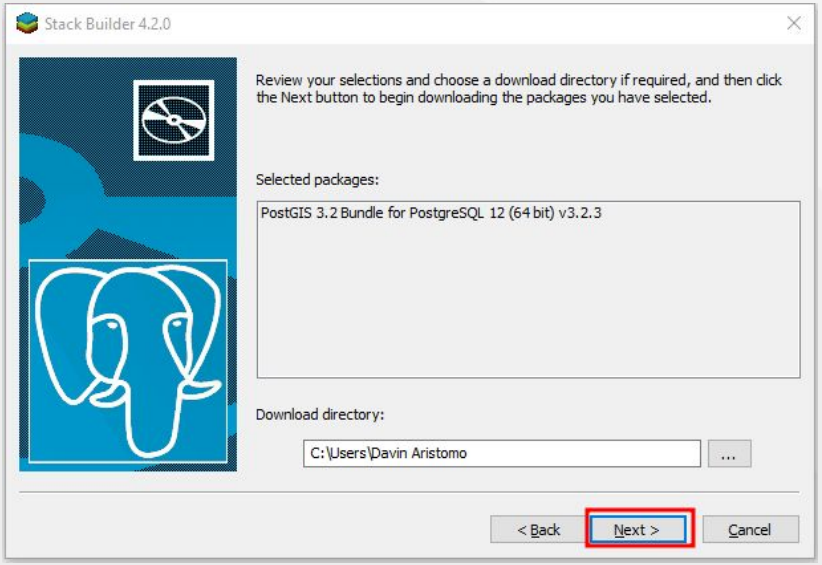
Stack Builder

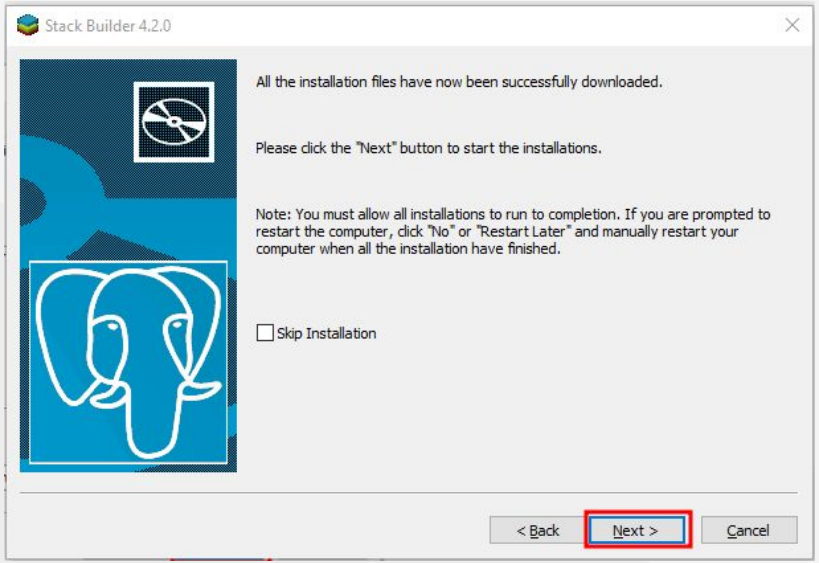




PostGIS Installation

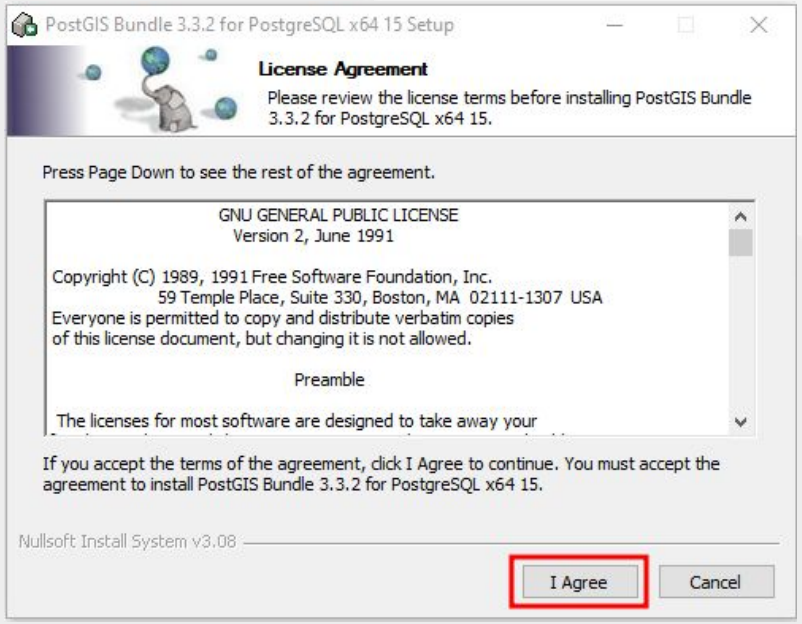
Stack Builder

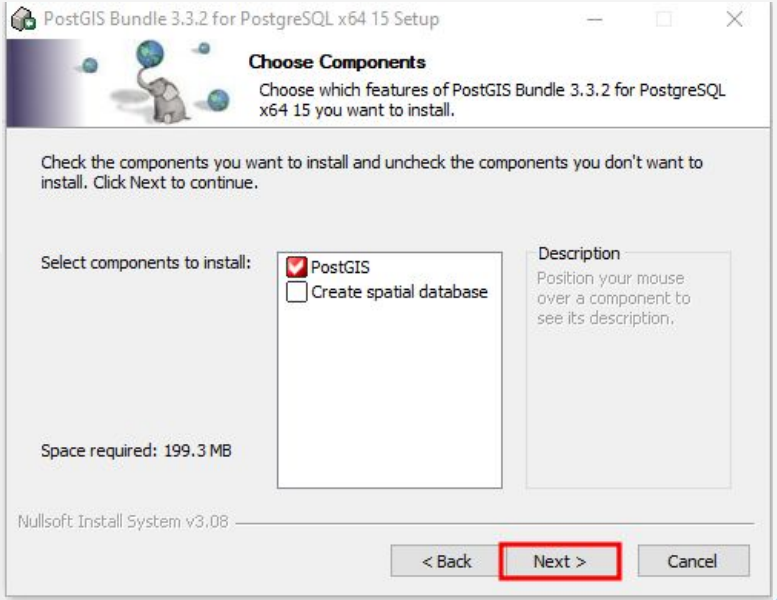




PostGIS Installation

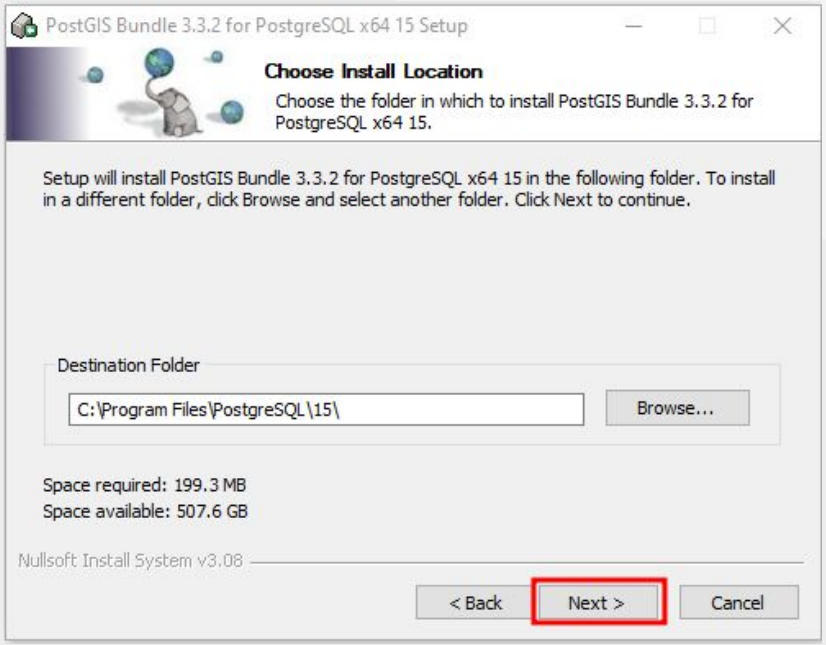
Stack Builder

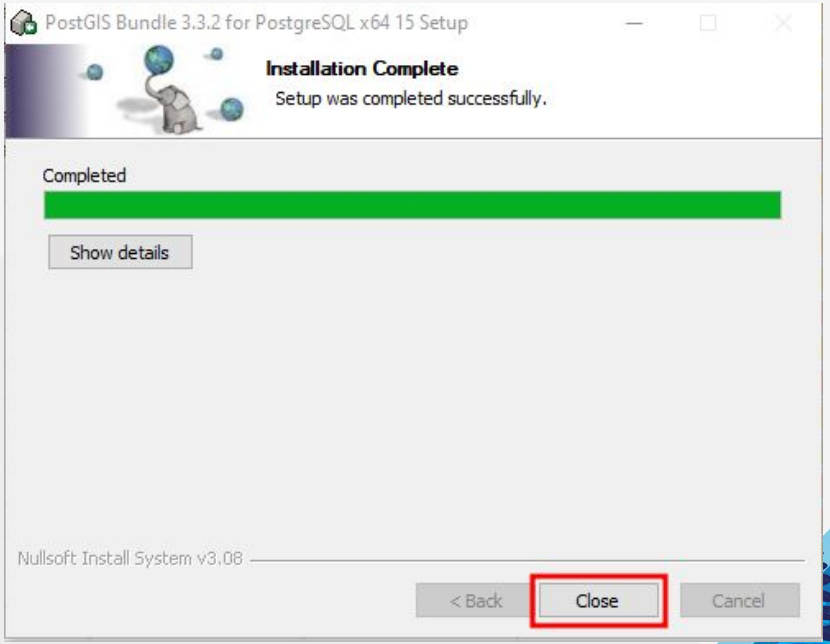




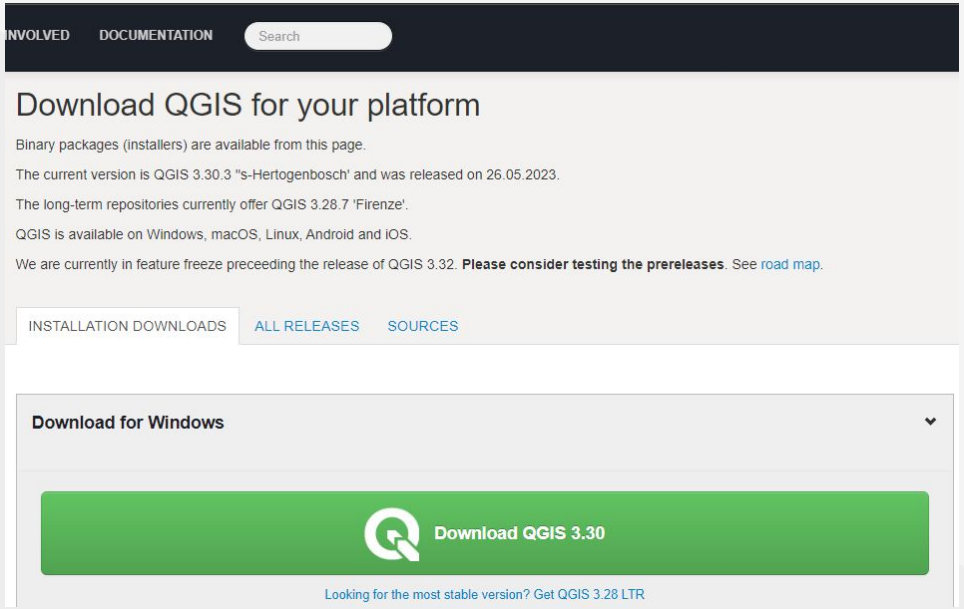
PostGIS Installation

Stack Builder





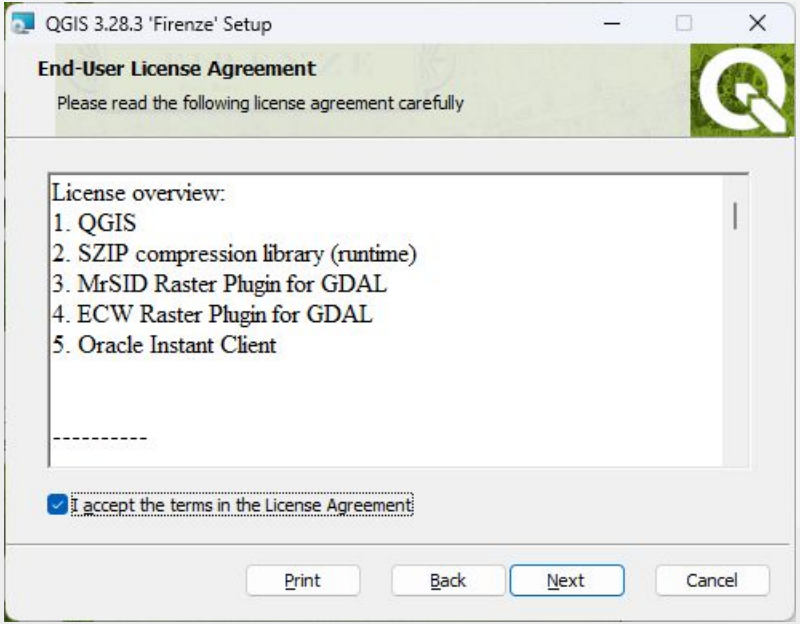
Download QGIS



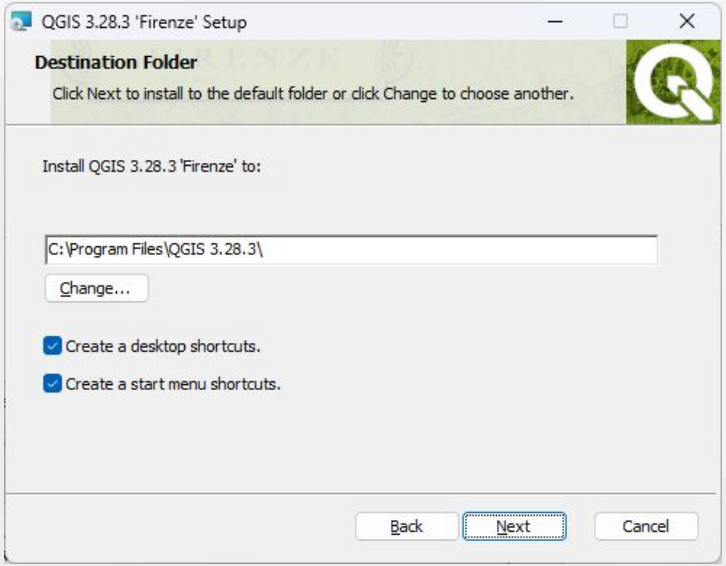
https://qgis.org/en/site/forusers/download.html

QGIS Installation - Welcome

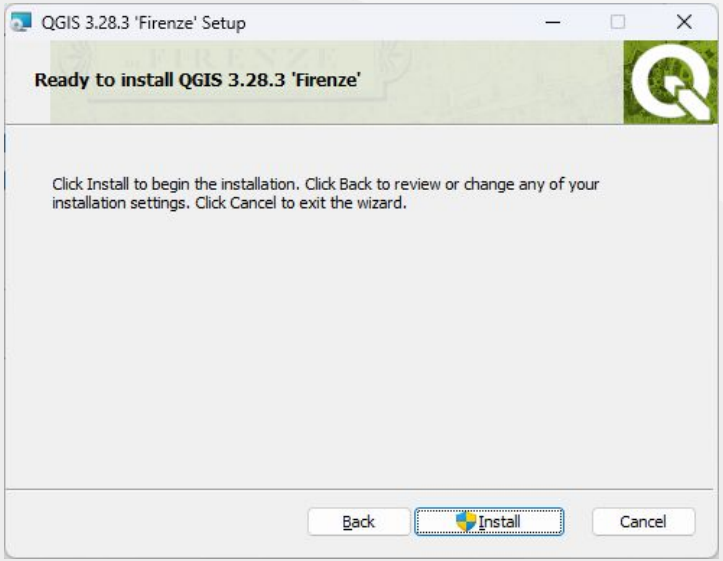
QGIS Installation - License Agreement

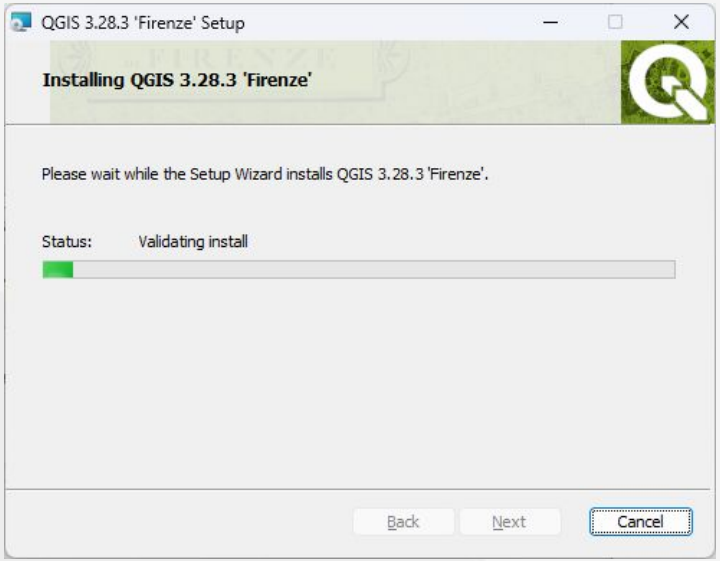


QGIS Installation - Folder Path



QGIS Installation - On Progress

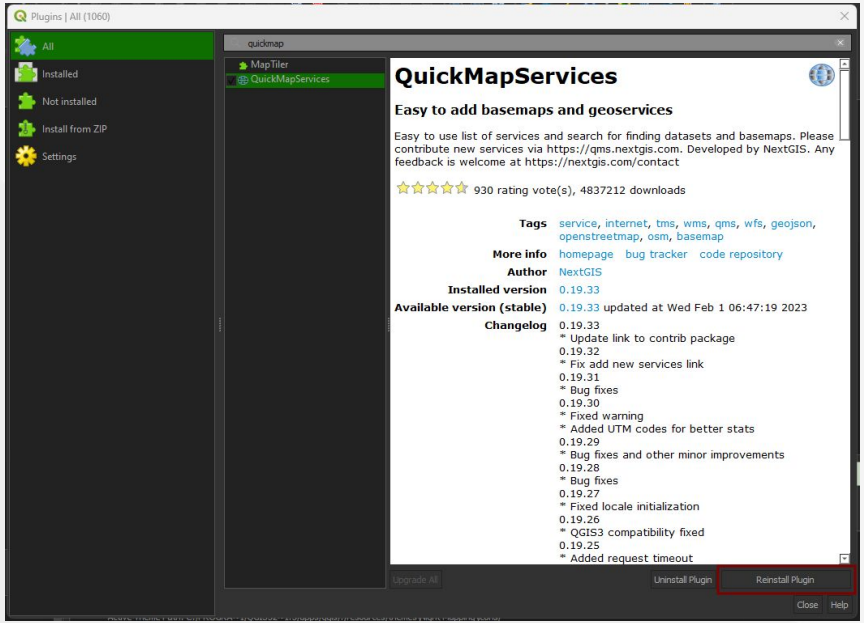




QGIS Installation - Finish

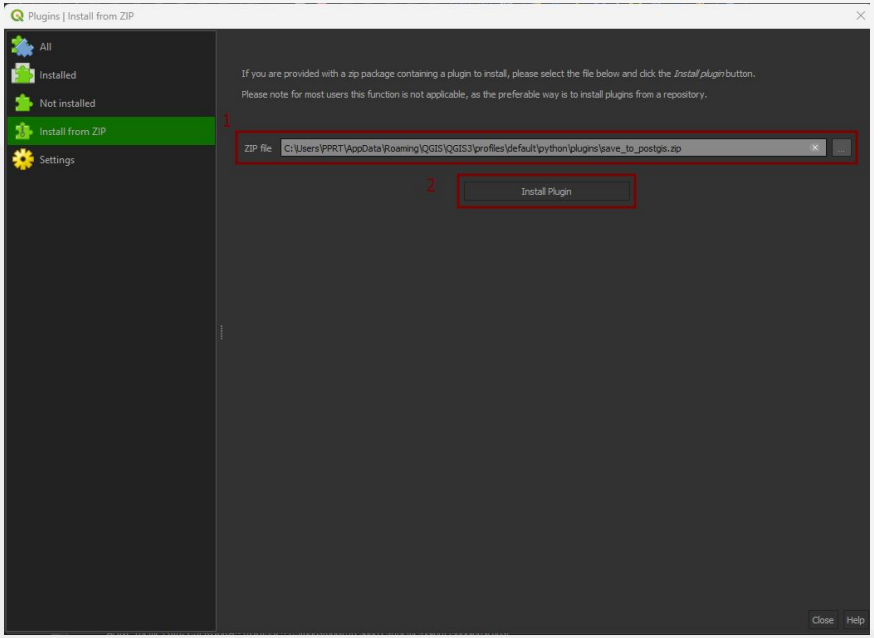
QMS Plugin Installation

Plugins → Manage and Install Plugins

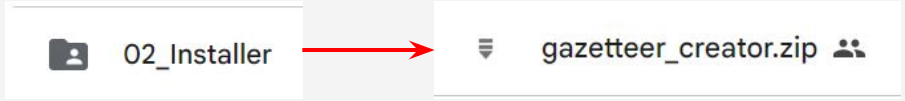


Save to PostGIS Plugin Installation

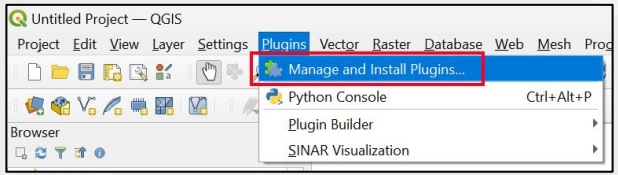
Plugins → Manage and Install Plugins



Installation QGIS

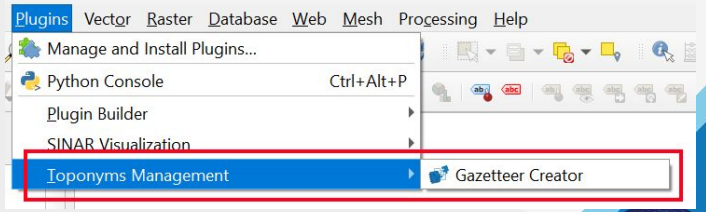


1. Download from **toponim.id/2023/modules**
2. Open QGIS, then select **Manage and Install Plugins**



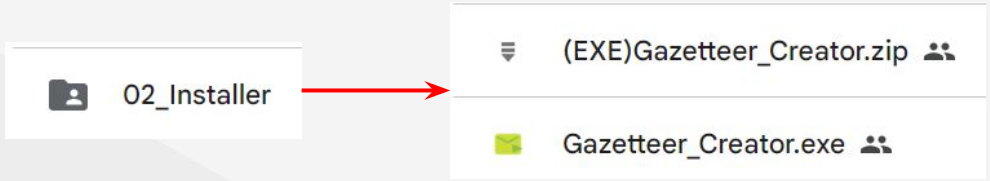
3. Select Install from ZIP, then browse the zip file, select Install Plugin. ***make sure you have internet connection for the first**

Result:



Installation

Gazetteer_Creator.exe



1. Download from toponim.id/2023/modules
2. No installation process is required, it can be directly run on the computer.
   *recommended Windows 10 or later